

<b>FORM PTO-1449</b> <b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(Use several sheets if necessary)</i>	<b>ATTY. DOCKET NO:</b> 60.1534	<b>SERIAL NO.:</b> 10/670,615
	<b>APPLICANT:</b> DONG et al.	<b>EXAMINER:</b>
	<b>FILING DATE:</b> September 25, 2003	<b>GROUP:</b> 2878

### U.S. PATENT DOCUMENTS


Exam Init.		Document Number	(m/d/y) Date	Name	Class	Sub-class	Filing date if appropriate
ann	1	3,780,575	12/12/73	Urbanosky	73	152	12/08/72
ann	2	3,859,851	01/14/75	Urbanosky	73	155	12/12/73
ann	3	4,860,581	08/29/89	Zimmerman et al.	73	155	09/23/88
ann	4	4,994,671	02/19/91	Safinya et al.	250	255	10/04/89
ann	5	5,167,149	12/01/92	Mullins et al.	73	155	08/28/90
ann	6	5,691,809	25/11/97	Tackett et al.	356	72	9/6/95
ann	7	5,939,717	08/17/99	Mullins	250	255	01/29/98
ann	8	6,274,865	8/14/01	Schroer et al.	250	269.1	2/23/99
ann	9	6,350,986	2/26/02	Mullins et al.	250	269.1	4/27/99

### FOREIGN PATENT DOCUMENTS

Exam Init.		Document Number	(d/m/y) Date	Country	Class	Sub-class	Translation	
							Yes	No
ann	10	0 461 321 A1	18/12/91	EPO	G01N	21/47		
ann	11	1 203 942 A1	08/05/02	EPO	G01N	21/35		
ann	12	WO 01/20322 A1	22/03/01	PCT	G01N	33/28		
ann	13	WO02/066964A2 & A3	290802	PCT	G01N	21/35		

### OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

ann	14	Downare, T. D. et al. "Visible and Near-Infrared Fluorescence of Crude Oils". <i>Applied Spectroscopy</i> , Vol. 49, No. 6, (1995), pp. 754-764.
ann	15	Mullins, O. C. et al. "Downhole Determination of GOR on Single-Phase Fluids by Optical Spectroscopy". <i>SPWLA 42nd Annual Symposium</i> , Paper M, (2001), pp. 1-14.
ann	16	Ralston, C. Y. et al. "Quantum Yields of Crude Oils". <i>Applied Spectroscopy</i> , Vol. 50, No. 12, (1996), pp. 1563-1568.
ann	17	Wang, X. et al. "Fluorescence Lifetime Studies of Crude Oils". <i>Applied Spectroscopy</i> , Vol. 48, No. 8, (1994), pp. 977-984.

<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 11/2/05
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant	